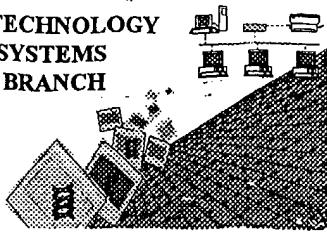


BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

10/713,006

Source:

IFWO

Date Processed by STIC:

12/2/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT

MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

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Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
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Revised 10/08/03



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/713,006

DATE: 12/02/2003
TIME: 15:21:36

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\12022003\J713006.raw

```

3 <110> APPLICANT: PROTEUS S.A.
4     DUPRET, Daniel
5     LEFEVRE, Fabrice
6     FOURAGE, Laurent
8 <120> TITLE OF INVENTION: METHOD OF PREPARING POLYNUCLEOTIDE FRAGMENTS FOR USE
9     IN SHUFFLING, AND SHUFFLING OF SAME
W--> 10 <130> FILE REFERENCE: 26883PCT-PP15
W--> 11 <140> CURRENT APPLICATION NUMBER: PCT/IB02/02769
C--> 12 <141> CURRENT FILING DATE: 2003-11-17
W--> 13 <160> NUMBER OF SEQ ID: 2
14 <170> SOFTWARE: PatentIn version 3.1

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ERRORED SEQUENCES

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W--> 15 <210> SEQ ID NO: 1
16 <211> LENGTH: 27
17 <212> TYPE: DNA
18 <213> ORGANISM: Artificial
20 <220> FEATURE:
W--> 21 <221> NAME/KEY: primer
22 <222> LOCATION: (1)..(27)
23 <223> OTHER INFORMATION: sense primer pET5'
W--> 24 <400> SEQUENCE: 1
E--> 25 agatctcgat cccgcgaaat taatacg
26 <210> SEQ ID NO: 2
27 <211> LENGTH: 26 - 27
28 <212> TYPE: DNA
29 <213> ORGANISM: artificial
31 <220> FEATURE:
W--> 32 <221> NAME/KEY: primer
33 <222> LOCATION: (1)..(26)
34 <223> OTHER INFORMATION: antisense primer pET3'
W--> 35 <400> SEQUENCE: 2
E--> 36 agatctcgat cccgcgaaat taatacg

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*Does Not Comply
Corrected Diskette Needed
(P.I.)*

*insert
please Number OF
Nucleotide bases.*

→ Same error

W--> 38 ATTENTION: Please note that this document was reconstructed to
W--> 39 correct inherent conversion issues. Great care has been taken to ensure
W--> 40 that all formatting unique to this document was preserved. Nonetheless,
W--> 41 you should review all document formats. If this document had automatic
W--> 42 numbering, the numbering has been hard coded to text. To re-establish
W--> 43 automatic numbering, you MUST reapply it and, if required, reinsert the
W--> 44 Table of Contents. Use the DocXtools toolbar and select DocXNumbering,
W--> 45 then Automation for Softwise Numbering Suite, to assist you with

- delete

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/713,006

DATE: 12/02/2003
TIME: 15:21:36

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\12022003\J713006.raw

W--> 46 reinserting automatic numbering. Contact the Information Center should
W--> 47 you have any further questions. *Upon completion of your review, please
E--> 48 delete this comment. Thank you.*

delete

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/713,006

DATE: 12/02/2003
TIME: 15:21:37

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\12022003\J713006.raw

Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2

VERIFICATION SUMMARY
PATENT APPLICATION: US/10/713,006

DATE: 12/02/2003
TIME: 15:21:37

Input Set : A:\PTO.KD.txt
Output Set: N:\CRF4\12022003\J713006.raw

L:10 M:283 W: Missing Blank Line separator, <130> field identifier
L:11 M:283 W: Missing Blank Line separator, <140> field identifier
L:11 M:270 C: Current Application Number differs, Replaced Current Application Number
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:13 M:283 W: Missing Blank Line separator, <160> field identifier
L:15 M:283 W: Missing Blank Line separator, <210> field identifier
L:21 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:1
L:24 M:283 W: Missing Blank Line separator, <400> field identifier
L:25 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:27 SEQ:1
L:32 M:257 W: Feature value mis-spelled or invalid, <221> Name/Key for SEQ ID#:2
L:35 M:283 W: Missing Blank Line separator, <400> field identifier
L:36 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:27 SEQ:2
L:38 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:9
L:39 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2
L:39 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:11
L:40 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2
L:40 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:10
L:41 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2
L:41 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:11
L:42 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2
L:42 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:11
L:43 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2
L:43 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:11
L:44 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2
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L:45 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2
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L:46 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2
L:46 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:8
L:47 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2
L:47 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:10
L:48 M:336 W: Invalid Amino Acid Number in Coding Region, SEQ ID:2
L:48 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:5
L:48 M:252 E: No. of Seq. differs, <211> LENGTH:Input:26 Found:27 SEQ:2